

Appl. No.: 10/823,956

Docket No. KPAT- 10281

Amdt. Dated: August 3, 2006

Reply of Office action of May 17, 2006

Amendments to the Claims are reflected in the listing of claims which begins on page 3 of this paper.

AMENDMENTS TO THE CLAIMS

Please amend claims 1 and 4 as indicated among the following complete set of pending claims:

Claim 1. (Currently Amended) A locking device of a seat track for vehicles, the seat track comprising a fixed rail fastened to the bottom plane of a vehicle body and having pin holding holes, and a movable rail adapted to move along the fixed rail in a state wherein a seat is mounted thereon, the movable rail being adapted to be locked to or unlocked from the fixed rail by making use of the locking device mounted thereto, the locking device comprising:

operating pins laterally mounted to a side wall of the movable rail by penetrating through pin bracket fixing holes formed at the side wall, as the operating pins pass through pin penetrating holes of the movable rail and pin holding holes of the fixed rail, the movable rail being locked to or unlocked from the fixed rail, each of the operating pins having an elastic support for elastically supporting associated one of coil springs, and a tapered end provided at one side thereof for facilitating insertion of the operating pins through the pin penetrating holes of the movable rail;

a pin bracket having pin perforating holes for allowing the operating pins, which are elastically supported by the coil springs, to move to the left or right, hinge holes for allowing a connection hinge to be connected therethrough, and pin bracket ~~mounting~~ fixing holes for allowing the pin bracket to be mounted to the movable rail as fixing screws are fastened therethrough;

a pin actuator having pin holding portions used to fix the elastic supports of the operating pins by coming into contact with them, a lever seating portion for use in mounting of a locking lever, and hinge holes for allowing the connection hinge to penetrate therethrough;

~~the~~ coil springs positioned between the pin bracket and the elastic supports of the operating pins;

~~the~~ a connection hinge used to connect the pin bracket and the pin actuator to each other by penetrating through the hinge holes of them; and

the fixing screws used to mount the pin bracket to the movable rail by being fastened through the pin bracket fixing holes of the movable rail and the bracket mounting holes of the pin bracket.

Claim 2. (Previously canceled)

Claim 3. (Previously presented) The device as set forth in claim 1, wherein the locking lever is mounted on the lever seating portion of the pin actuator, and is firmly fixed by using a lever fixing member.

Claim 4. (Currently Amended) A locking device of a seat track for vehicles, the seat track comprising a fixed rail fastened to the bottom plane of a vehicle body and having pin holding holes, and a movable rail adapted to move along the fixed rail in a state wherein a seat is mounted thereon, the movable rail being adapted to be locked to or unlocked from the fixed rail by making use of the locking device mounted thereto, the locking device comprising;

operating pins laterally mounted to a side wall of the movable rail by a pin bracket mounted to the side wall, as the operating pins pass through pin penetrating holes of the movable rail and pin holding holes of the fixed rail, the movable rail being locked to or unlocked from the fixed rail, each of the operating pins having an elastic support for elastically supporting associated one of coil springs, and a tapered end provided at one side thereof for facilitating insertion of the operating pins through the pin penetrating holes of the movable rail;

the pin bracket having pin perforating holes for allowing the operating pins, which are elastically supported by the coil springs, to move laterally to the left or right;

the pin bracket having hinge holes for allowing a connection hinge to be connected therethrough, and bracket mounting holes for allowing the pin bracket to be mounted to the movable rail as fixing screws are fastened therethrough;

a pin actuator having pin holding portions used to fix the elastic supports of the operating pins by coming into contact with them, a lever seating portion for use in mounting of a locking lever, and hinge holes for allowing the connection hinge to penetrate therethrough;

the coil springs positioned between the pin bracket and the elastic supports of the operating pins;

the connection hinge used to connect the pin bracket and the pin actuator to each other by penetrating through the hinge holes of them; and

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the fixing screws used to mount the pin bracket to the movable rail by being fastened through pin bracket fixing holes of the movable rail and the bracket mounting holes of the pin bracket.

Claim 5. (Previously canceled)

Claim 6. (Previously presented) The device as set forth in claim 4, wherein the locking lever is mounted on the lever seating portion of the pin actuator, and is firmly fixed by using a lever fixing member.